L Number	Hits	Search Text	DB	Time stamp
1	62	udagawa.in. and light-emitting	USPAT;	2002/06/01 10:52
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
2	1076	udagawa.in. and light-emitting and buffer	<pre>IBM_TDB USPAT;</pre>	2002/06/01 10.56
_	1070	near6 BP or BNP or BPN or	US-PGPUB;	2002/06/01 10:56
		"BN.sub.1-x.P.sub.x" or	EPO; JPO;	
		"BP.sub.x.N.sub.1-x" or	DERWENT;	
		"BN.sub.x.P.sub.1-x" or	IBM TDB	
		"BP.sub.1-x.N.sub.x" or ((BP or boron adj	_	
		phosphide) near3 nitrogen)		
3	8	game-t	USPAT;	2002/06/01 11:22
		near6 (BP or BNP or BPN or "BN.sub.1-x.P.sub.x" or	US-PGPUB;	· .
		"BP.sub.x.N.sub.1-x" or	EPO; JPO; DERWENT;	
		"BN.sub.x.P.sub.1-x" or	IBM TDB	
		"BP.sub.1-x.N.sub.x" or ((BP or boron adj	25155	
		<pre>phosphide) near3 nitrogen)))</pre>		
4	2	terashima.in. and light-emitting and	USPAT;	2002/06/01 13:29
		(buffer near6 (BP or BNP or BPN or	US-PGPUB;	
	1	"BN.sub.1-x.P.sub.x" or	EPO; JPO;	
	#	"BP.sub.x.N.sub.1-x" or	DERWENT;	
Į		"BN.sub.x.P.sub.1-x" or "BP.sub.1-x.N.sub.x" or ((BP or boron adj	IBM_TDB	
		phosphide) near3 nitrogen)))		
5	9		USPAT;	2002/06/01 13:35
		(BP or BN or BNP or BPN or	US-PGPUB;	2002,00,01 10,00
1		"BN.sub.1-x.P.sub.x" or	EPO; JPO;	
į	i i	"BP.sub.x.N.sub.1-x" or	DERWENT;	
		"BN.sub.x.P.sub.1-x" or	IBM_TDB	
6	0	<pre>"BP.sub.1-x.N.sub.x")) (lattice adj match\$3 or mismatch\$3) and</pre>	USPAT;	2002/06/01 13:39
		(((BN or boron adj nitride) near3 buffer)	US-PGPUB;	2002/06/01 13:39
į		near10 (phosporus or P)) and (GaN or	EPO; JPO;	
		gallium adj nitride)	DERWENT;	
	_		IBM_TDB	
7	0	(lattice adj match\$3 or mismatch\$3) and	USPAT;	2002/06/01 13:39
4		(((BN or boron adj nitride) near6 buffer) near10 (phosporus or P))	US-PGPUB;	
;		hearto (phosporus of F/)	EPO; JPO; DERWENT;	
			IBM TDB	
8	0	(lattice adj (match\$3 or mismatch\$3)) and	USPAT;	2002/06/01 13:40
		(((BN or boron adj nitride) near6 buffer)	US-PGPUB;	1
		near10 (phosporus or P))	EPO; JPO;	
			DERWENT;	<u> </u>
9	0	(lattice adj (match\$3 or mismatch\$3)) and	<pre>IBM_TDB USPAT;</pre>	2002/06/01 12-41
	۱ ۲	(((BN or BNP or BPN or boron adj nitride)	US-PGPUB;	2002/06/01 13:41
		near6 buffer) near10 (phosporus or P))	EPO; JPO;	
	ĺ		DERWENT;	
	_		IBM_TDB	
10	0	(lattice near6 (match\$3 or mismatch\$3))	USPĀT;	2002/06/01 13:42
		and (((BN or BNP or BPN or boron adj	US-PGPUB;	
		nitride) near6 buffer) near10 (phosporus or P))	EPO; JPO; DERWENT;	
			IBM TOB	
11	672	(boron adj nitride or BN or boron adj	USPAT;	2002/06/01 13:43
		phosphide or BP or BNP) near6 buffer	US-PGPUB;	
			EPO; JPO;	•
	ļ		DERWENT;	.
12	99	(boron adj nitride or BN or boron adj	IBM_TDB	2002/06/01 14-40
	<i>33</i>	phosphide or BP or BNP) near6 buffer and	USPAT; US-PGPUB;	2102/06/01 14:48
		(GaN or gallium nitride)	EPO; JPO;	
	İ	1	DERWENT;	
			IBM TDB	

			-		
13	54	(boron adj nitride or BN or BNP) near6	USPAT;	2002/06/01	14:50
		buffer and (GaN or gallium nitride)	US-PGPUB;		
			EPO; JPO;		
	1		DERWENT;	1	
1.4	1.0	(hanne add mithaide an DV on DVD) norm	IBM_TDB	2002/06/01	14.50
14	16		USPAT;	2002/06/01	14:52
	1	buffer and (GaN or gallium nitride) and	US-PGPUB;		
		(lattice-mismatch or lattice-match\$3 or	EPO; JPO;	1	
	-	(lattice near3 (match\$3 or mismatch\$3)))	DERWENT;		
15	15	(horan adi pitrido en BN en DND) pears	IBM_TDB USPAT;	2002/06/01	15.20
13	13	(boron adj nitride or BN or BNP) near6 buffer and (GaN or gallium nitride) near12	US-PGPUB;	2002/00/01	10:09
		(lattice-mismatch or lattice-match\$3 or	EPO; JPO;		
		(lattice mear3 (match\$3 or mismatch\$3)))	DERWENT;		
]	(lacetee nears (macends or mismacends)))	IBM TDB		
16	0	gallium adj nitride adj phosphide and	USPAT;	2002/06/01	15.40
10		light-emitting.ti,ab. and phosporus	US-PGPUB;	2002/00/01	10.10
		i light emitering. elyab. and phosporas	EPO; JPO;		
			DERWENT;		
			IBM TDB		
17	7	(GaNP or "GaN.sub.1-x.P.sub.x" or gallium	USPAT;	2002/06/01	15:42
- ·	,	adj nitride adj phosphide) and	US-PGPUB;	2002,00,02	10.10
		light-emitting.ti,ab. and (phosporus or P)	EPO; JPO;		
			DERWENT;	1	
			IBM TDB	ì	
18	0	(GaNP or "GaN.sub.1-x.P.sub.x" or gallium	USPĀT;	2002/06/01	15:43
		adj nitride adj phosphide) and	US-PGPUB;		
		light-emitting.ti,ab. and phosporus	EPO; JPO;		
			DERWENT;		
			IBM_TDB	1	
19	2	(GaNP or "GaN.sub.1-x.P.sub.x" or gallium	USPAT;	2002/06/01	17:21
		adj nitride adj phosphide) and	US-PGPUB;		
		light-emitting.ti,ab. and phosphorus	EPO; JPO;		
			DERWENT;		
			IBM_TDB		
20	2	lamp.ti,ab. and light-emitting.ti,ab. and	USPAT;	2002/06/01	17:23
		semiconductor.ti,ab. and group adj "III-V"	US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
			IBM_TDB	0000105105	15 01
21	6	lamp.ti,ab. and light-emitting.ti,ab. and	USPAT;	2002/06/01	17:31
		semiconductor.ti,ab. and GaN	US-PGPUB;		
			EPO; JPO;		
	ļ		DERWENT;		
2.0		land to the and light mithing to the and	IBM TDB	2002/06/01	17.21
22	8	lamp.ti,ab. and light-emitting.ti,ab. and	USPAT;	2002/06/01	11:31
		GaN	US-PGPUB; EPO; JPO;		
			DERWENT;	1	
			IBM TDB	1	
23	2	lamp.ti,ab. and light-emitting.ti,ab. and	USPAT;	2002/06/01	18.57
23	3	GaN and mount\$3	US-PGPUB;	1 2002/00/01	10.57
		Gan and mounts	EPO; JPO;		
			DERWENT;	}	
	t		IBM TDB		
24		(("5042043") or ("6372356") or ("5612551")	USPAT	2002/06/01	19.01
24	4	or ("5326424")).PN.	OULAI	2002/00/01	17.01
47	7496	((257/79) or (257/85) or (257/86) or	USPAT;	2002/06/01	19.23
4 /	/496		US-PGPUB;	2002/00/01	19.23
		(257/94) or (257/102) or (257/103) or (372/43)).CCLS.	EPO; JPO;	l	
		(3/2/43/).CODS.	DERWENT;	1-	
]		IBM TDB		
			TDD IDD	<u></u>	

48	3		1 77 C T T T T T T	
•	•	(((257/79) or (257/85) or (257/86) or	USPAT;	2002/06/01 19:28
		(257/94) or (257/102) or (257/103) or	US-PGPUB;	
		(372/43)).CCLS.) and (gallium adj nitride	EPO; JPO;	
		or gallium adj phosphide or GaN or GaP or	DERWENT;	
		"GaN.sub.1-x.P.sub.x" or "GaN.sub.x.P.sub.1-x") and buffer near4	IBM_TDB	
		(BN or BP or BNP or BPN or		
1		"BN.sub.x.P.1-x" or "BN.sub.1-x.P.sub.x"		
		or boron adj nitride or boron adj		
	1	phosphide) and (lattice near12 (match\$3 or		
		mismatch\$3) or lattice-match\$3 or		
		lattice-mismatch\$3)		
-	0	("(GaNP or gallium adj nitride adj	USPAT;	2002/06/01 10:51
	l	phosphide) and light-emitting.ti,ab.").PN.	US-PGPUB;	
			EPO; JPO;	
	ļ		DERWENT;	1
	İ		IBM_TDB	,
	12)	(GaNP or gallium adj nitride adj	USPAT;	1 2002/05/31 07:10
		phosphide) and light-emitting.ti,ab.	US-PGPUB;	<u> </u>
			EPO; JPO;	
)		DERWENT;	
į	. ((a va	IBM_TDB	2002/05/20 16-52
-	4	(GaNP or "GaN.sub.1-x.P.sub.x" or gallium	USPAT; US-PGPUB;	2002/05/30 16:53
		adj nitride adj phosphide) and	EPO; JPO;	
	{	light-emitting.ti,ab. and boron adj phosphide near3 buffer	DERWENT;	
		phosphide hears burrer	IBM TDB	
_	4	(GaNP or "GaN.sub.1-x.P.sub.x" or gallium	USPAT;	2002/05/30 16:54
_	, F	adj nitride adj phosphide) and	US-PGPUB;	2002,03,30 13131
		light-emitting.ti,ab. and (BP or boron adj	EPO; JPO;	
	į 	phosphide) near6 buffer	DERWENT;	
		p,	IBM TDB	
_	フー	(GaNP or "GaN.sub.1-x.P.sub.x" or gallium	USPAT;	2002/05/30 16:58
ļ		adj nitride adj phosphide or GaN near6 P	US-PGPUB;	
		or GaN near6 phosphorus or gallium adj	EPO; JPO;	
ļ		nitride near6 (phosphorus or P)) and	DERWENT;	
ţ		light-emitting.ti,ab. and (BP or boron adj	IBM_TDB	
		phosphide) near6 buffer		. 0000 /05 /30 13 03
~	4	(GaNP or "GaN.sub.1-x.P.sub.x" or gallium	USPAT;	2002/05/30 17:07
		adj nitride adj phosphide or GaN near6 P	US-PGPUB;	
		or GaN near6 phosphorus or gallium adj	EPO; JPO; DERWENT;	•
Í	Ì	nitride near6 (phosphorus or P)) and (257/8\$5.ccls. or 257/9\$5.ccls. or	IBM TDB	1
į	ĺ	257/100.ccls. or 257/101.ccls. or	1011_100	
		257/102.ccls. or 257/103.ccls.) and (BP or		
ĺ		boron adj phosphide) near6 buffer		
_ (4 ((GaNP or GaPN or gallium adj phosphide adj	USPAT;	2002/05/30 17:09
	_	nitride or "GaN.sub.x.P.sub.1-x" or	US-PGPUB;	
}		"GaN.sub.1-x.P.sub.x" or gallium adj	EPO; JPO;	}
į	[nitride adj phosphide or GaN near6 P or	DERWENT;	
		GaN near6 phosphorus or gallium adj	IBM_TDB	
		nitride near6 (phosphorus or P)) and		
		(257/8\$5.ccls. or 257/9\$5.ccls. or		
		257/100.ccls. or 257/101.ccls. or		
		257/102.ccls. or 257/103.ccls.) and (BP or		
		boron adj phosphide) near6 buffer	USPAT;	2002/05/30 17:10
-	4	(GaNP or GaPN or gallium adj phosphide adj	US-PGPUB;	2002/03/30 17.10
		nitride or "GaN.sub.x.P.sub.1-x" or "GaN.sub.1-x.P.sub.x" or gallium adj	EPO; JPO;	1
		nitride adj phosphide or GaN near6 P or	DERWENT;	
j	Í	GaN near6 phosphorus or gallium adj	IBM TDB).
	ļ	nitride near6 (phosphorus or P) or GaN		1
	İ	near6 (P or phosphorus)) and	1.0	1
ļ		(257/8\$5.ccls. or 257/9\$5.ccls. or	! 	· •
		257/100.ccls. or 257/101.ccls. or		
			I .	1
		257/102.ccls. or 257/103.ccls.) and (BP or boron adj phosphide) near6 buffer	İ	I

			· · · · · · · · · · · · · · · · · · ·	
-	4	(GanP or GaPN or gallium adj phosphide adj	USPAT;	2002/05/30 17:28
		nitride or "GaN.sub.x.P.sub.1-x" or	US-PGPUB;	
		"GaN.sub.1-x.P.sub.x" or gallium adj	EPO; JPO;	
		nitride adj phosphide or GaN near6 P or	DERWENT;	i
		GaN near6 phosphorus or gallium adj	IBM_TDB	•
		nitride near6 (phosphorus or P) or	ļ	
		(gallium adj nitride or GaN) near6 (P or	1	
		phosphorus)) and (257/8\$5.ccls. or	1	
		257/9\$5.ccls. or 257/100.ccls. or	İ	
		257/101.ccls. or 257/102.ccls. or	1	
		257/103.ccls.) and (BP or boron adj		
		phosphide) near6 buffer		0000/05/00 17 00
_	342	(GaNP or GaPN or gallium adj phosphide adj	USPAT;	2002/05/30 17:29
		nitride or "GaN.sub.x.P.sub.1-x" or	US-PGPUB;	
		"GaN.sub.1-x.P.sub.x" or gallium adj	EPO; JPO;	İ
		nitride adj phosphide or GaN near6 P or	DERWENT;	
		GaN near6 phosphorus or gallium adj	IBM_TDB	
		nitride near6 (phosphorus or P) or		
		(gallium adj nitride or GaN) near6 (P or		1
		phosphorus)) and (257/8\$5.ccls. or		
		257/9\$5.ccls. or 257/100.ccls. or	ļ	
<u> </u>		257/101.ccls. or 257/102.ccls. or		
_	075	257/103.ccls.)	USPAT;	2002/05/30 17:30
-	275	(GaNP or GaPN or gallium adj phosphide adj	· ·	2002/03/30 II:30
		nitride or "GaN.sub.x.P.sub.1-x" or	US-PGPUB;	
	ļ ("Gan.sub.1-x.P.sub.x" or gallium adj	EPO; JPO; DERWENT;	
		nitride adj phosphide or GaN near6 P or	IBM TDB	
		GaN near6 phosphorus or gallium adj nitride near6 (phosphorus or P) or	TDM_TDB	1
		(gallium adj nitride or GaN) near6 (P or	l 	!
		phosphorus)) and (257/8\$5.ccls. or	! !	
		257/9\$5.ccls. or 257/100.ccls. or	:	1
		257/101.ccls. or 257/102.ccls. or	:	•
		257/103.ccls.) and buffer		
_	4	(GaNP or GaPN or gallium adj phosphide adj	USPAT;	2002/05/30 17:34
	-	nitride or "GaN. sub.x.P. sub.1-x" or	US-PGPUB;	2002,00,00
	İ	"GaN.sub.1-x.P.sub.x" or gallium adj	EPO; JPO;	Į
		nitride adj phosphide or GaN near6 P or	DERWENT;	
		GaN near6 phosphorus or gallium adj	IBM TDB]
		nitride near6 (phosphorus or P) or	1511_155	1
		(gallium adj nitride or GaN) near6 (P or]
,		phosphorus)) and (257/8\$5.ccls. or]	į l
		257/9\$5.ccls. or 257/100.ccls. or		1
		257/101.ccls. or 257/102.ccls. or		
		257/103.ccls.) and buffer near12 (boron	}	
		adj phosphide or bp)		
\ _	489	(257/79).CCLS.	USPAT;	2002/05/30 17:35
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	ſ
			IBM_TDB	I.
_	435	(257/80).CCLS.	USPĀT;	2002/05/30 17:35
			US-PGPUB;	
			EPO; JPO;	:
	1		DERWENT;	,
]		IBM TDB	
l -	366	(257/81).CCLS.	USPĀT;	2002/05/30 17:35
			US-PGPUB;	
	1		EPO; JPO;]
	}		DERWENT;	1
			IBM TDB	-
_	814	(257/82).CCLS.	USPAT;	2002/05/30 17:35
			US-PGPUB;]
			EPO; JPO;	ļ .
	[DERWENT;	1
			IBM TDB	
_	106	(257/83).CCLS.	USPAT;	2002/05/30 17:35
			US-PGPUB;	
			EPO; JPO;	
	<u> </u>		DERWENT;	
-]		IBM TDB	

-	380	(257/84).CCLS.	USPAT;	2002/05/30 17:35
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	205	(257/95) CCI S	IBM_TDB	
	203	(257/85).CCLS.	USPAT;	2002/05/30 17:35
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	1
_	229	(257/86).CCLS.	IBM_TDB USPAT;	2002/05/20 17 25
		(20.7007.0020.	US-PGPUB;	2002/05/30 17:35
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	56	(257/87).CCLS.	USPAT;	2002/05/30 17:35
			US-PGPUB;	2002,00,00 1,.33
			EPO; JPO;	1
			DERWENT;	
			IBM TDB	
_	488	(257/88).CCLS.	USPĀT;	2002/05/30 17:35
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
İ			IBM_TDB	
-	175	(257/89).CCLS.	USPAT;	2002/05/30 17:35
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		1057 100	IBM_TDB	
_	83	(257/90).CCLS.	USPAT;	2002/05/30 17:36
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	147	(057/01) 0070	IBM_TDB	
_	147	(257/91).CCLS.	USPAT;	2002/05/30 17:36
			US-PGPUB;	
	1		EPO; JPO;	
			DERWENT;	
_	49	(257/92).CCLS.	<pre>IBM_TDB USPAT;</pre>	2002/05/30 17:36
		(2317327:0010:	US-PGPUB;	, 2002/03/30 17:36
			EPO; JPO;	
			DERWENT;	
			IBM TDB	1
_	146	(257/93).CCLS.	USPAT;	, 2002/05/30 17:36
			US-PGPUB;	2002, 00, 00 1, .00
			EPO; JPO;	
i			DERWENT;]
			IBM TDB	
-	685	(257/94).CCLS.	USPAT;	2002/05/30 17:36
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
ļ			IBM TDB	
-	239	(257/95).CCLS.	USPĀT;	2002/05/30 17:36
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
İ	<u></u>	(057/06), core	IBM_TDB	
-	445	(257/96).CCLS.	USPAT;	2002/05/30 17:36
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	327	(257/97) CCI C	IBM_TDB	2000/05/20 17 05
ļ	321	(257/97).CCLS.	USPAT;	2002/05/30 17:36
Ī			US-PGPUB;	Ì
			EPO; JPO; DERWENT;	
			IBM TDB	

			Litanam	T0000 (05 (00 15 05
-	1241	(257/98).CCLS.	USPAT;	2002/05/30 17:36
			US-PGPUB; EPO; JPO;	
			DERWENT;	
	ļ		IBM TDB	
_	1351	(257/99).CCLS.	USPAT;	2002/05/30 17:36
		,,	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	318	(257/100).CCLS.	USPAT;	2002/05/30 17:36
	}		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	070	(057/201) 0070	IBM_TDB	0000/05/00 17 06
_	278	(257/101).CCLS.	USPAT;	2002/05/30 17:36
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	308	(257/102).CCLS.	USPAT;	2002/05/30 17:36
		(201, 200, 100201	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	ļ		IBM TDB	
-	967	(257/103).CCLS.	USPĀT;	2002/05/30 17:37
			US-PGPUB;	
	ļ		EPO; JPO;	
			DERWENT;	
		/8710	IBM TDB	1 2000/05/20 17-20
_	0		USPAT;	2002/05/30 17:38
		or L19 or L20 or L21 or L22 or L23 or L24	US-PGPUB; EPO; JPO;	
		or L25 or L26 or L27 or L28 or L29 or L30 or L31 or L32 or L33 or L34 or L35 or L36	DERWENT;	
	}	or L37").PN.	IBM TDB	
_	6890		USPAT;	2002/05/30 17:40
)	((257/81).CCLS.) or ((257/82).CCLS.) or	US-PGPUB;	
		((257/83).CCLS.) or ((257/84).CCLS.) or	EPO; JPO;	
į.		((257/85).CCLS.) or ((257/86).CCLS.) or	DERWENT;	
-		((257/87).CCLS.) or ((257/88).CCLS.) or	IBM TDB	
		((257/89).CCLS.) or ((257/90).CCLS.) or	_	
		((257/91).CCLS.) or ((257/92).CCLS.) or	<u> </u>	
		((257/93).CCLS.) or ((257/94).CCLS.) or		
		((257/95).CCLS.) or ((257/96).CCLS.) or		
		((257/97).CCLS.) or ((257/98).CCLS.) or		Ę.
		((257/99).CCLS.) or ((257/100).CCLS.) or		
		((257/101).CCLS.) or ((257/102).CCLS.) or		
	0	((257/103).CCLS.) (((257/79).CCLS.) or ((257/80).CCLS.) or	USPAT;	2002/05/30 17:41
	1	((257/81).CCLS.) or ((257/82).CCLS.) or	US-PGPUB;	2002/00/00 17.41
		((257/83).CCLS.) or ((257/84).CCLS.) or	EPO; JPO;	
		((257/85).CCLS.) or ((257/86).CCLS.) or	DERWENT;	
		((257/87).CCLS.) or ((257/88).CCLS.) or	IBM TDB	1
	1	((257/89).CCLS.) or ((257/90).CCLS.) or	_	
		((257/91).CCLS.) or ((257/92).CCLS.) or	ļ	1
		((257/93).CCLS.) or ((257/94).CCLS.) or	1	!
		((257/95).CCLS.) or ((257/96).CCLS.) or		
		((257/97).CCLS.) or ((257/98).CCLS.) or		
		((257/99).CCLS.) or ((257/100).CCLS.) or		,
		((257/101).CCLS.) or ((257/102).CCLS.) or		•
L	1	((257/103).CCLS.)) and ganp.ti,ab.	<u> </u>	<u> </u>

			T TO THE STATE OF	0000458455
-	13	(((257/79).CCLS.) or ((257/80).CCLS.) or ((257/81).CCLS.) or	USPAT; US-PGPUB;	2002/05/30 17:43
1		((257/81).CCLS.) or ((257/82).CCLS.) or ((257/83).CCLS.) or	EPO; JPO;	
		((257/85).CCLS.) or ((257/86).CCLS.) or	DERWENT;	
		((257/87).CCLS.) or ((257/88).CCLS.) or	IBM TDB	1
		((257/89).CCLS.) or ((257/90).CCLS.) or		
		((257/91).CCLS.) or ((257/92).CCLS.) or		
		((257/93).CCLS.) or ((257/94).CCLS.) or		
{		((257/95).CCLS.) or ((257/96).CCLS.) or		
		((257/97).CCLS.) or ((257/98).CCLS.) or		
}		((257/99).CCLS.) or ((257/100).CCLS.) or		
i		((257/101).CCLS.) or ((257/102).CCLS.) or		
		((257/103).CCLS.)) and (ganp or (gan or		
_	3	gallium adj nitride) near12 phosphorus)	HCDAT.	2002/05/30 17:44
! - !	2	(((257/79).CCLS.) or ((257/80).CCLS.) or ((257/81).CCLS.) or ((257/82).CCLS.) or	USPAT; US-PGPUB;	2002/05/30 17:44
		((257/83).CCLS.) or ((257/84).CCLS.) or	EPO; JPO;	
1		((257/85).CCLS.) or ((257/86).CCLS.) or	DERWENT;	
		((257/87).CCLS.) or ((257/88).CCLS.) or	IBM TDB	
		((257/89).CCLS.) or ((257/90).CCLS.) or		
{		((257/91).CCLS.) or ((257/92).CCLS.) or	1	1
Į Į		((257/93).CCLS.) or ((257/94).CCLS.) or	4	•
[((257/95).CCLS.) or ((257/96).CCLS.) or	į	
		((257/97).CCLS.) or ((257/98).CCLS.) or		
		((257/99).CCLS.) or ((257/100).CCLS.) or	1	
1		((257/101).CCLS.) or ((257/102).CCLS.) or		
}		((257/103).CCLS.)) and buffer near12 (bp		
[or boron adj phosphide) and (ganp or (gan or gallium adj nitride) near12 phosphorus)		
] }	13	(((257/79).CCLS.) or ((257/80).CCLS.) or	USPAT;	2002/05/30 17:47
}	1.0	((257/81).CCLS.) or ((257/82).CCLS.) or	US-PGPUB;	2002/03/00 1111/
		((257/83).CCLS.) or ((257/84).CCLS.) or	EPO; JPO;	
]		((257/85).CCLS.) or ((257/86).CCLS.) or	DERWENT;	
}		((257/87).CCLS.) or ((257/88).CCLS.) or	IBM TDB	
		((257/89).CCLS.) or ((257/90).CCLS.) or	_	
)		((257/91).CCLS.) or ((257/92).CCLS.) or		
		((257/93).CCLS.) or ((257/94).CCLS.) or	,	
1		((257/95).CCLS.) or ((257/96).CCLS.) or		
)		((257/97).CCLS.) or ((257/98).CCLS.) or		
		((257/99).CCLS.) or ((257/100).CCLS.) or		
ļ		((257/101).CCLS.) or ((257/102).CCLS.) or ((257/103).CCLS.)) and (ganp or (gan or		16-
) i		((257/103).CCES.)) and (gamp of (gam of gallium adj nitride) near12 phosphorus)		K.
_	4	(((257/79).CCLS.) or ((257/80).CCLS.) or	USPAT;	2002/05/30 17:53
}	•	((257/81).CCLS.) or ((257/82).CCLS.) or	US-PGPUB;	1
]		((257/83).CCLS.) or ((257/84).CCLS.) or	EPO; JPO;	
[((257/85).CCLS.) or ((257/86).CCLS.) or	DERWENT;	
		((257/87).CCLS.) or ((257/88).CCLS.) or	IBM_TDB	
)		((257/89).CCLS.) or ((257/90).CCLS.) or		
ļ (((257/91).CCLS.) or ((257/92).CCLS.) or		
		((257/93).CCLS.) or ((257/94).CCLS.) or		
		((257/95).CCLS.) or ((257/96).CCLS.) or		
		((257/97).CCLS.) or ((257/98).CCLS.) or		
		((257/99).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.) or		1
1		((257/101).CCLS.) or $((257/102).CCLS.)$ or $((257/103).CCLS.)$) and $(gan or gallium adj.)$		}
ļ		nitride) and ((bp or boron adj phosphide)		1
		near12 buffer)		
_	0	jp-410242514\$-\$.did.	USPAT;	2002/05/30 17:54
			US-PGPUB;	
			EPO; JPO;	
-			DERWENT;	
		100405140 0 313	IBM_TDB	2002/05/20 17 50
-	2	jp-10242514\$-\$.did.	USPAT;	2002/05/30 17:56
	İ		US-PGPUB; EPO; JPO;	
	İ		DERWENT;	
			IBM TDB	; ; }
<u></u>		<u></u>		1

_	2	jp-10242567\$-\$.did.	USPAT;	2002/05/30	17:59
[US-PGPUB;		
			EPO; JPO;		į
			DERWENT;		
[ļ		IBM TDB		
] -	2	jp-10242569\$-\$.did.	USPAT;	2002/05/30	18:09
			US-PGPUB;		
)	<u>'</u>		EPO; JPO;		
i			DERWENT;		
}			IBM TDB		
i –	2	6316793.pn.	, USPĀT;	2002/05/30	18:10
ļ	į	•	US-PGPUB;	•	!
i i			EPO; JPO;		ı
			DERWENT;	•	į
			IBM TDB		
_	2	6064082.pn.	USPĀT;	2002/05/30	18:11
		-	US-PGPUB;	1	
			EPO; JPO;	1	
			DERWENT;		}
			IBM TDB	ĺ	
{ _	2	5929467.pn.	USPAT;	2002/05/30	18:11
			US-PGPUB;		
į l			EPO; JPO;	ļ	
			DERWENT;	1	
			IBM TDB		
-	2	jp-10066769\$-\$.did.	USPAT;	2002/05/30	20:04
ļ			US-PGPUB;		
1			EPO; JPO;		1
l i			DERWENT;		
			IBM TDB	1	
-	0	jp-410066769\$-\$.did.	JPO	2002/05/30	
} - \	1	jp-10066769\$-\$.did.	JPO	2002/05/30	
i – !	1	jp-11036830\$-\$.did.	JPO	2002/05/30	
-	0	jp-411036830\$-\$.did.	JPO	2002/05/30	
-	0	terashima.in. and buffer	JPO	2002/05/30	1
[1	light-emitting.ti,ab. and ((bp or boron	JPO	2002/05/30	20:14
		adj phosphide) near10 buffer) and gallium	ļ	!	
	_	adj nitride.ti,ab.		1 0000 (05 (00	
] -	1	light-emitting.ti,ab. and ((bp or boron	JPO	2002/05/30	20:14
		adj phosphide) near10 buffer) and gallium		}	}
Ì		adj nitride		0000 (05 (00	00 15
-	3	(led or light-emitting or light adj	JPO	2002/05/30	20:15
1		emitting).ti,ab. and ((bp or boron adj		}	}
[phosphide) near10 buffer) and gallium adj			
}	_	nitride	HODE	2000/05/23	07.35
-	4		USPAT;	2002/05/31	07:13
Į Į		or AlGaNP or aluminum adj gallium adj	US-PGPUB;	(
		nitride adj phosphide or	EPO; JPO;		
Į l		"GaN.sub.lix.P.subx") and	DERWENT;	į	
		light-emitting.ti,ab. and buffer near10	IBM_TDB]	
		(bp or boron adj phosphide)	HCDAM.	2002/05/31	07.15
-	4	(GaNP or gallium adj nitride adj phosphide	USPAT; US-PGPUB;	2002/05/31	01:12
[or AlGaNP or aluminum adj gallium adj	EPO; JPO;		
}		nitride adj phosphide or "GaN.sub.1-x.P.sub.x") and	DERWENT;		1
		·	IBM TDB		
		light-emitting.ti,ab. and (bp or boron adj phosphide)	TDM_TDD		
	8	phosphide) ((GaN or gallium adj nitride or AlGaN or	USPAT;	2002/05/31	07.10
-	0	aluminum adj gallium adj nitride of Algan of	US-PGPUB;	2002/00/01	J I J .
		or phosphide)) and light-emitting.ti,ab.	EPO; JPO;		
		and (bp or boron adj phosphide)	DERWENT;	, -	i
		and tob or poron ad bnospirae)	IBM TDB	<u> </u>	
	7	((GaN or gallium adj nitride or AlGaN or	USPAT;	2002/05/31	07:58
	'	aluminum adj gallium adj nitride) near6 (P	US-PGPUB;		
]		or phosphide)) and light-emitting.ti,ab.	EPO; JPO;	}	
	}	and ((bp or boron adj phosphide) near10	DERWENT;)	\
		buffer)	IBM TDB	†	İ
·			· · · · · · · · · · · · · · · · · · ·		

-	4	((GaN or gallium adj nitride or AlGaN or		2002/05/31	08:01
		aluminum adj gallium adj nitride) near6 (P or phosphide)) and light-emitting.ti,ab.	US-PGPUB; EPO; JPO;	•	
		and ((bp or boron adj phosphide) near10	DERWENT;		
		buffer) and ((mono-crystal or single adj	IBM_TDB	t	!
		crystal) near6 substrate)		2000/05/04	00 01
_	8	light-emitting.ti,ab. and ((bp or boron adj phosphide) near10 buffer) and	USPAT; US-PGPUB;	2002/05/31	08:01
	ĺ	((mono-crystal or single adj crystal)	EPO; JPO;		
	Ì	near6 substrate)	DERWENT;)	
ĺ	1		IBM_TDB	1	ļ
_	325	light-emitting.ti,ab. and ((mono-crystal	USPAT;	2002/05/31	08:15
		or single adj crystal) near6 substrate)	US-PGPUB; EPO; JPO;		
	 		DERWENT;		Ì
	}		IBM_TDB		· ·
-	184	light-emitting.ti,ab. and ((mono-crystal	USPAT;	2002/05/31	08:16
	i	or single adj crystal) adj substrate)	US-PGPUB; EPO; JPO;		
			DERWENT;		
İ	<u> </u>		IBM_TDB		
-	14	light-emitting.ti,ab. and ((mono-crystal	USPĀT;	2002/05/31	08:17
		or single adj crystal) adj substrate) and	US-PGPUB; EPO; JPO;		
		GaN.ti,ab.	DERWENT;		
	,		IBM TDB		
-	351	buffer adj layer near3 amorphous	USPĀT;	2002/05/31	08:43
	ĺ		US-PGPUB;		}
 			EPO; JPO; DERWENT;		}
<u> </u>	}		IBM TDB		1
_	4	(bp or boron adj phosphorus) near6 buffer	USPĀT;	2002/05/31	08:44
		adj layer near3 amorphous	US-PGPUB;		,
			EPO; JPO; DERWENT;)
			IBM TDB		
_	38	amorphous adj buffer adj layer	USPAT;	2002/05/31	10:42
ĺ			US-PGPUB;		
Ì			EPO; JPO; DERWENT;		}
			IBM TDB		
_	3	amorphous adj buffer adj layer and (single	USPĀT;	2002/05/31	11:23
ĺ		adj crystal or single-crystal) adj buffer	US-PGPUB;		
		adj layer	EPO; JPO; DERWENT;		1
			IBM TDB		1
] _	64	single adj (heterojunction or	USPAT;	2002/05/31	11:26
		hetero-junction) and (double adj	US-PGPUB;		1
}	ļ	heterojunction or hetero-junction) and	EPO; JPO;	ı)
		257/\$6.ccls.	DERWENT; IBM TDB		
_	58		USPAT;	2002/05/31	12:36
		hetero-junction)) and (double adj	US-PGPUB;		
		(heterojunction or hetero-junction)) and 257/\$6.ccls.	EPO; JPO; DERWENT;		
		201790,CCIS.	IBM TDB		}
_	2	("6150672").PN.	USPAT;	2002/05/31	11:47
			US-PGPUB;		
			EPO; JPO;		ĺ
			DERWENT; IBM TDB	•	
_	4	(single adj (heterojunction or	USPAT;	2002/05/31	13:07
		hetero-junction)).ti,ab. and (double adj	US-PGPUB;		ł
		(heterojunction or hetero-junction)) and	EPO; JPO;	•	
		257/\$6.ccls.	DERWENT; IBM TDB		1
_	2	("6150672").PN.	USPĀT;	2002/05/31	13:41
			US-PGPUB;		1
			EPO; JPO;		1
			DERWENT; IBM TDB		ţ
t	<u> </u>	<u> </u>			'

-	1	(lattice near6 (match\$3 or mismatch\$3))	USPAT;	2002/05/31 15:47
		near12 (boron adj phosphide or BP or BPN	US-PGPUB;	
		or "BP.sub.1-x.N.sub.x") near12 (GaN or	EPO; JPO;	
		gallium adj nitride)	DERWENT;	
			IBM_TDB	
-	1	(lattice near6 (match\$3 or mismatch\$3))	USPAT;	2002/05/31 13:44
		near12 (boron adj phosphide or BP or BPN	US-PGPUB;	
		or "BP.sub.1-x.N.sub.x") near12 (GaN or	EPO; JPO;	
		gallium adj nitride or AlGaN or aluminum	DERWENT;	
		adj gallium adj nitride)	IBM TOB	
	29		USPAT;	2002/05/31 14:11
_		buffer) near12 (N or nitrogen)	US-PGPUB;	
		buffer, Heariz (W or Hitzogen)	EPO; JPO;	!
			DERWENT;	1
			IBM TOB	1
	,	(lattice near6 (match\$3 or mismatch\$3))	· USPAT;	2002/05/31 15:59
-	1 1	(Taccaco House (massault or management)	US-PGPUB;	2002/03/31 13:35
		near12 (boron adj phosphide or BP or BPN	EPO; JPO;	
		or "BP.sub.1-x.N.sub.x") near12 (GaN or		
		gallium adj nitride or gallium adj nitride	DERWENT;	
		adj phosphide or GaNP)	IBM_TDB	2002/05/21 16-16
-	1	(lattice near6 (match\$3 or mismatch\$3) or	USPAT;	2002/05/31 16:16
		lattice-match\$3 or lattice-mismatch\$3)	US-PGPUB;	
		near12 (boron adj phosphide or BP or BPN	EPO; JPO;	
		or "BP.sub.1-x.N.sub.x") near12 (GaN or	DERWENT;	
		gallium adj nitride or gallium adj nitride	IBM_TDB	
		adj phosphide or GaNP)		
_	1	(lattice near6 (match\$3 or mismatch\$3) or	USPAT;	2002/05/31 16:33
		lattice-match\$3 or lattice-mismatch\$3)	US-PGPUB;	
		near12 (boron adj phosphide or BP or BPN	EPO; JPO;	
		or "BP.sub.1-x.N.sub.x" or BNP or	DERWENT;	
		"BN.sub.1-x.P.sub.x") near12 (GaN or	IBM TDB	
		gallium adj nitride or gallium adj nitride	_	
		adj phosphide or GaNP)		
_	66	(boron adj phosphide or BP or BPN or	USPAT;	2002/05/31 17:58
		"BP.sub.1-x.N.sub.x" or BNP or	US-PGPUB;	
		"BN.sub.1-x.P.sub.x") near12 (GaN or	EPO; JPO;	
		gallium adj nitride or gallium adj nitride	DERWENT;	V i
İ		adj phosphide or GaNP)	IBM TDB	1
	0	"10-066769"	JPO	12002/05/31 17:59
_	1	1	JPO	2002/05/31 18:00
-	1	jp-10066769\$-\$.did.	JPO	2002/05/31 18:01
-	1	jp-10180921\$-\$.did.	JPO	2002/05/31 18:01
1 -	0	jp-410180921\$-\$.did.	JPO	2002/05/31 18:12
-	0	terashima.in. and semiconductor	JPO	2002/05/31 18:14
1 -	2	terashima.in. and "1998"		2002/05/31 18:15
1 -	1	jp-10066769\$-\$.did.	JPO	2002/05/31 18:16
-	1	jp-10180921\$-\$.did.	JPO	
_	1	jp-10193125\$-\$.did.	JPO	2002/05/31 18:17
-	1	jp-10232279\$-\$.did.	JPO	2002/05/31 18:17
_	1	jp-11036830\$-\$.did.	JPO	2002/05/31 18:18
_	2301	udagawa.in.	JPO	2002/05/31 18:18
_	35	udagawa.in. and light-emitting	JPO	2002/05/31 18:18
-	3	udagawa.in. and light-emitting and (BP or	JPO	2002/05/31 18:22
		boron adj phosphide)		l
_	0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	JPO	2002/05/31 18:23
		or boron adj phosphide)		
_	0	nishimura.in. and light-emitting and (BP	JPO	2002/05/31 18:23
		or boron adj phosphide)		
_	0	tsuzaki.in. and light-emitting and (BP or	JPO	2002/05/31 18:23
		boron adj phosphide)		1
	11550	·	DERWENT	2002/05/31 18:25
_	245		DERWENT	2002/05/31 18:25
-	i			2002/05/31 18:25
	15			1
	1	layer	<u> </u>	